

HIMANSHU SINGH

+91 8188937945 | Basti, Uttar Pradesh | himanshu.iiitu2027@gmail.com
[GitHub](#) | [Linkedin](#) | [Portfolio](#)

SUMMARY

Motivated B.Tech student in Electronics and Communication Engineering (ECE) at IIIT Una, with strong foundations in Machine Learning, NLP, and data Science. Experienced with Flask, BeautifulSoup, and TensorFlow through personal and academic projects. Eager to apply my problem-solving skills and enthusiasm to contribute to real-world projects as a **fresher**.

EDUCATION

B.Tech – Electronics and Communication Engineering

IIIT Una | 2023 – 2027 | CGPA: 8.64

Higher Secondary (12th)

UP Board | Percentage: 94.6% | GSAS Academy, Harraiya, Basti | 2023

PERSONAL PROJECTS

- **Diabetes Prediction (Machine Learning):** Built a machine learning model to predict diabetes using algorithms like **SVC**. Preprocessed medical data (age, BMI, glucose levels) and optimized the model for higher accuracy, achieving **82%** performance on test data . Used Flask as backend and HTML , CSS for frontend.
 - **Sentiment Analysis on movie reviews (neural network,LSTM) :**Developed an LSTM-based sentiment analysis model to classify movie reviews as positive or negative. Cleaned and tokenized text, trained the model, and achieved **86%** accuracy in sentiment classification.
 - **Study plan ChatBot (Dialogflow framework):** Created a chatbot using Dialogflow to generate personalized study plans for students based on preferences.Used flask as backend.
 - **Web Scraping - Internshala Internship Analysis :** Build a dataset and extract internship data from Internshala using BeautifulSoup.Posted dataset to kaggle.
 - **Usability Hub Clone:** Developed a clone of the **UsabilityHub** platform using HTML and CSS.
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TECHNICAL SKILLS

- **Programming Languages:** Proficient in C++, Python; Familiar with JavaScript
 - **Machine Learning & NLP :** Supervised & Unsupervised Learning, Sentiment Analysis, LSTM, CNN, Word Embeddings (Word2Vec),data preprocessing,etc .
 - **Frameworks & Libraries:** Flask, TensorFlow, Keras, Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn, BeautifulSoup, Bootstrap .
 - **Web Technologies:** HTML5, CSS3, JavaScript, REST.
 - **Other Skills:** Problem Solving, Data Structures and Algorithms, Web Scraping
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ACHIEVEMENTS

- **LeetCode:** 550+ DSA problems solved, **1600+ rating**
- **CodeChef:** 3-star coder, **Max rating: 1612**
- **Built 5+ ML projects**, including **Sentiment Analysis & Diabetes Prediction**